1. (Currently Amended) A data service system, comprising:

a server system that includes a request processor that schedules external transaction requests from external clients to be serviced by the server system based on (1) classification contained in a classification tag of ~~each of the~~ those requests having such a tag and (2) a default classification mechanism for those requests not having an associated classification tag; and

an application system coupled to the server system, further comprising

an application engine that performs a requested transaction ~~requested by an external request and provides response to the request~~ scheduled by the server system and provides an associated transaction response to the server system for return to the requesting external client,

a business rule engine that stores business rules regarding classification of various transactions, and uses the business rules to analyze ~~the response to the request~~ at least some of transaction responses; and

a tag generator that generates ~~the~~a classification tag for a particular transaction based on the analysis of the business rule engine of a respective response to that transaction request ~~engine~~,

wherein the classification tag generated by the tag generator is attached to the respective response ~~by the server system and~~ before it is sent to ~~a~~ the requesting external client ~~that issued the external request such that the~~, whereby a corresponding classification tag ~~is~~ may be attached ~~to subsequent~~

~~requests from~~ by the requesting client to subsequent related requests to the data service system for use by the server system.

2. (Original) The data service system of claim 1, wherein the tag generator causes the business rule engine to analyze the response with the business rules stored in the business rule engine to determine classification of the transaction such that subsequent requests that are part of the same transaction do not need to be classified again.

3. (Currently Amended) The data service system of claim 2, wherein the tag generator causes the business rule engine to ~~re-applies~~ selectively re-apply the business rules to responses ~~for~~ to the subsequent requests to determine if reclassification is needed for the subsequent requests.

4. (Original) The data service system of claim 3, wherein the tag is updated if the tag generator determines that reclassification is needed.

5. (Original) The data service system of claim 1, wherein the server system attaches the tag into the response by placing the tag (1) in a cookie, (2) in the body of the response message, or (3) in a URL of the response.

6. (Currently Amended) The data service system of claim 1, wherein when the ~~request processor~~ server system receives a request, it parses the request to determine if the request is for an existing transaction or for a new transaction.

7. (Original) The data service system of claim 1, wherein the server system is a TCP/IP-based server application system.

8. (Original) The data service system of claim 7, wherein the server system is one of a web server system, an e-mail server system, a news server system, an e-commerce server system, a proxy server system, a domain name server system, and a local service server system.

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9. (Currently Amended) In a data service system having an application system coupled to a server system, a method of classifying access requests, comprising:

storing business rules regarding classification of responses to various externally requested transactions in a business rule engine;

receiving an access request in the application system from the server system, wherein the access request is requesting the application system to perform an externally requested transaction and to generate a response for the request;

using the business rules to analyze the response to obtain the classification information of the transaction response;

generating a tag containing the classification information;

sending the tag to a requesting client that issued the request such that the tag is attached to subsequent external requests to the data service system for the same transaction; and

scheduling requests to be serviced by the server system based at least in part on the classification information contained in the tag of each of the subsequent external requests.

10. (Original) The method of claim 9, wherein the step of scheduling requests further comprises parsing each of the requests to determine if the request is for an

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existing transaction or for a new transaction; if the request is for a new transaction, assigning a default tag to the request.

11. (Original) The method of claim 9, further comprising the step of re-applying the business rules to responses of subsequent requests of an existing transaction to determine if reclassification is needed for the subsequent requests.

12. (Original) The method of claim 11, further comprising the step of updating the tag with new classification information if reclassification is needed.

13. (Original) The method of claim 9, wherein the step of sending the tag to a requesting client further comprises the step of attaching the tag into the response by placing the tag (1) in a cookie, (2) in the body of the response message, or (3) in a URL of the response.